ABSTRACT OF THE DISCLOSURE

A polyphase electric generator (10) is disclosed having a fixed output voltage configurable to virtually any voltage level within a certain range of voltages. The armature winding (18) of the generator is arranged in a combined Delta and Wye topology (60, 66). Each phase winding (20, 54) in the armature is partitioned into first and second sections of the phase winding (56, 58). The first sections (56, 62, 64) of each of the phase windings are arranged together in a Delta topology (60). Each of the second sections of each phase winding is arranged in a Wye topology (66) with a pair of the first winding sections. Each of the second sections (58) are connected at one end to a node (68) of the Delta topology where two of the first winding sections are connected. The opposite ends (70) of the second sections of each phase winding are connected to output terminals (26) of the armature to provide a line-to-line voltage output. The line-to-line output voltage (30) of the generator is dependent on the voltage across each winding phase (24) and the proportion of each phase winding arranged in a Delta topology.